





Issue Classification 	Application No.	Applicant(s)	
	09/977,567	HIROTA ET AL.	
	Examiner	Art Unit	
	Brian R. Gordon	1743	

ISSUE CLASSIFICATION												
ORIGINAL					CROSS REFERENCE(S)							
CLASS		SUBCLASS			CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)						
422		100			422	928						
INTERNATIONAL CLASSIFICATION					73	863.32	864	864.01	864.12	864.11	DIG 4	
B	0	1	L	3/02	239	102.2	601					
G	0	1	N	1/10	436	180						
B	0	5	B	3/04								
B	0	5	B	1/26								
				/								

 (Assistant Examiner) (Date) 10/25/04		 Supervisory Patent Examiner Technology Center 1700 (Primary Examiner) (Date) 10/27/04		Total Claims Allowed: 25	
 (Legal Instruments Examiner) (Date) 10/28/04				O.G. Print Claim(s) 1	O.G. Print Fig. 3A

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant												<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original				
	1	8	31		61		91		121		151		181				
	2	9	32		62		92		122		152		182				
	3	10	33		63		93		123		153		183				
	4	11	34		64		94		124		154		184				
	5	12	35		65		95		125		155		185				
	6	13	36		66		96		126		156		186				
	7	14	37		67		97		127		157		187				
	8	15	38		68		98		128		158		188				
	9	17	39		69		99		129		159		189				
	10	18	40		70		100		130		160		190				
	11	19	41		71		101		131		161		191				
	12	20	42		72		102		132		162		192				
	13	21	43		73		103		133		163		193				
	14	22	44		74		104		134		164		194				
	15	23	45		75		105		135		165		195				
	16	24	46		76		106		136		166		196				
	17	25	47		77		107		137		167		197				
	18		48		78		108		138		168		198				
	19		49		79		109		139		169		199				
	20		50		80		110		140		170		200				
	21		51		81		111		141		171		201				
	22		52		82		112		142		172		202				
1	23		53		83		113		143		173		203				
16	24		54		84		114		144		174		204				
2	25		55		85		115		145		175		205				
3	26		56		86		116		146		176		206				
4	27		57		87		117		147		177		207				
5	28		58		88		118		148		178		208				
6	29		59		89		119		149		179		209				
7	30		60		90		120		150		180		210				